

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023100.D
 Acq On : 10 Oct 2019 02:19
 Operator : JU
 Sample : K5177-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP94

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:28:38 AM

Quant Time: Oct 10 04:07:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	157447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	648762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	361363	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	702070	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	694070	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	824755	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	13517	3.71	ng/uL	0.00
5) Phenol-d5	6.93	99	245969	17.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	155118	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	217857	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	187979	16.50	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	103176	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	108019	19.76	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	205476	18.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.69	131	193620	14.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	609785	21.74	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	722256	22.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	53569	9.67	ng/ul	-0.01
58) Fluorene-d10	15.40	176	536713	22.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	56054	12.27	ng/ul	0.00
71) Anthracene-d10	17.24	188	796092	23.22	ng/ul	0.00
79) Pyrene-d10	19.54	212	918020	24.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1037620	24.32	ng/ul	-0.02

Target Compounds

					Ovalue
6) Phenol	6.96	94	37180	2.549	ng/ul 97
45) Dimethylphthalate	13.86	163	181345	6.295	ng/ul 99
70) Phenanthrene	17.19	178	360244	8.598	ng/ul 99
72) Anthracene	17.27	178	84249	1.973	ng/ul 99
77) Fluoranthene	19.20	202	875339	18.575	ng/ul 99
80) Pyrene	19.56	202	946414	19.236	ng/ul 96
83) Benzo(a)anthracene	21.31	228	543767	10.912	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.24	149	991446	34.484	ng/ul 99
85) Chrysene	21.36	228	594401	12.938	ng/ul 99
88) Benzo(b)fluoranthene	22.90	252	710748	12.986	ng/ul 97
89) Benzo(k)fluoranthene	22.94	252	229422m	4.381	ng/ul
91) Benzo(a)pyrene	23.47	252	544650	10.607	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.84	276	347870	6.378	ng/ul 95
93) Dibenzo(a,h)anthracene	25.84	278	97632	2.140	ng/ul# 81
94) Benzo(g,h,i)perylene	26.54	276	330589	7.513	ng/ul 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

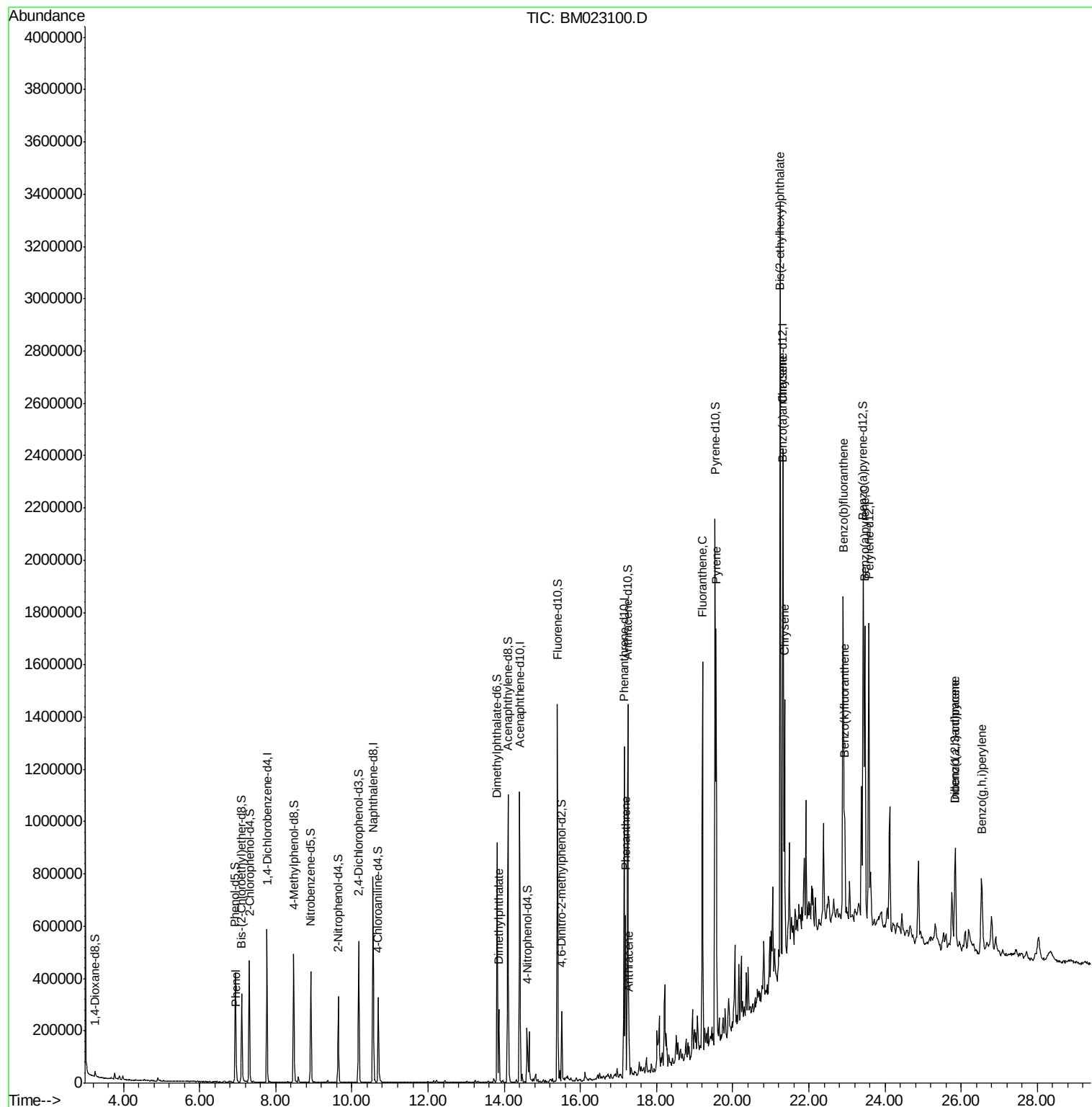
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023100.D
Acq On : 10 Oct 2019 02:19
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

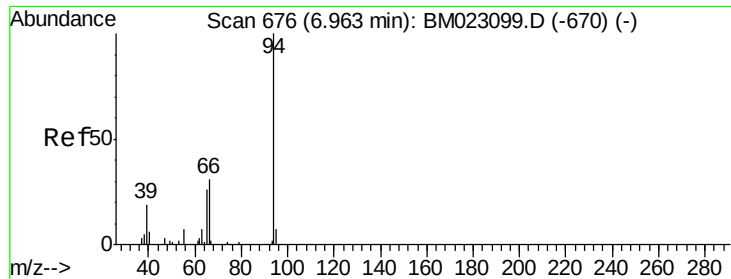
Instrument :
BNA_M
ClientSampleId :
BEP94

Quant Time: Oct 10 04:07:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.549 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Instrument :

BNA_M

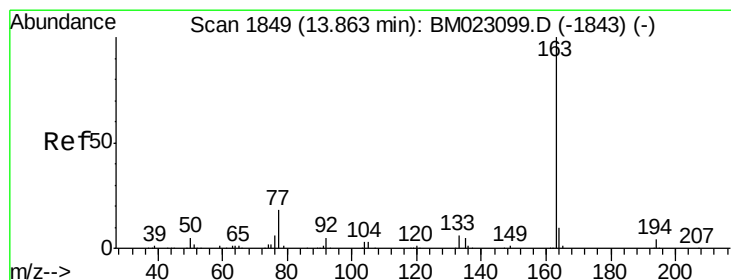
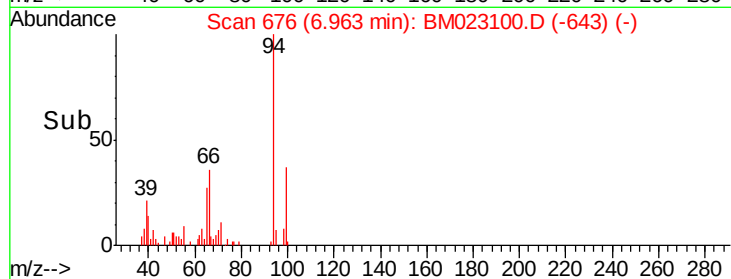
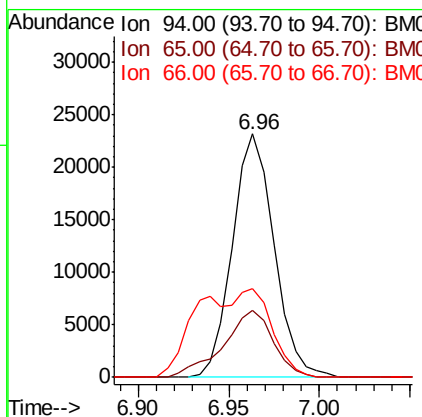
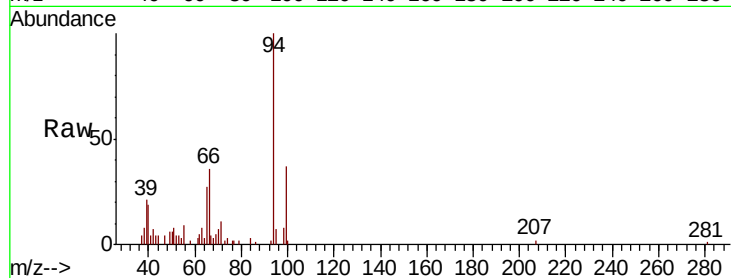
ClientSampleId :

BEP94

Tot Ion:	94	Resp:	37180
Ion	Ratio	Lower	Upper
94	100		
65	27.4	20.9	31.3
66	36.3	27.2	40.8

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#45

Dimethylphthalate

Concen: 6.295 ng/ul

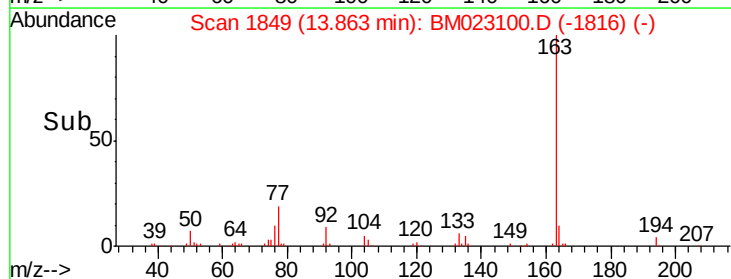
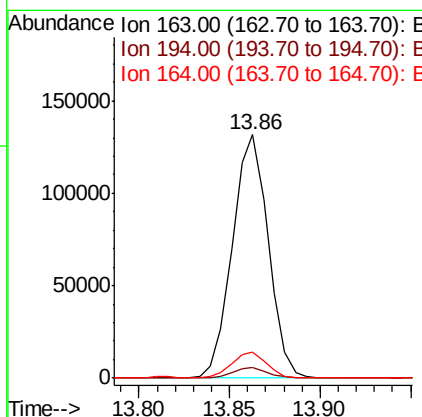
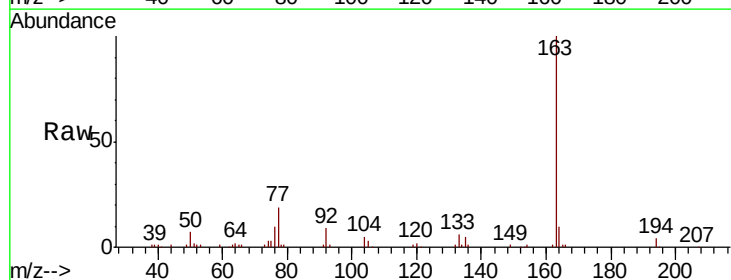
RT: 13.86 min Scan# 1849

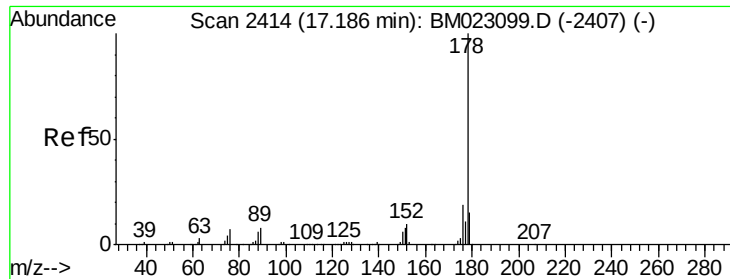
Delta R.T. -0.01 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Tgt Ion:	163	Resp:	181345
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1





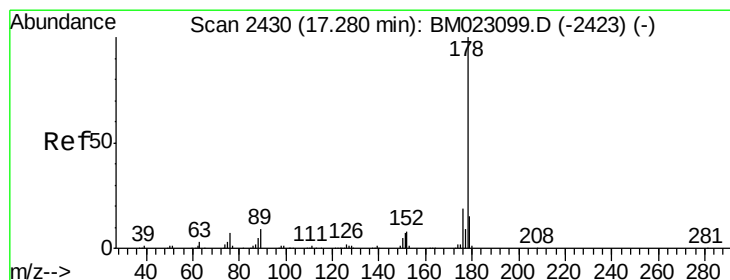
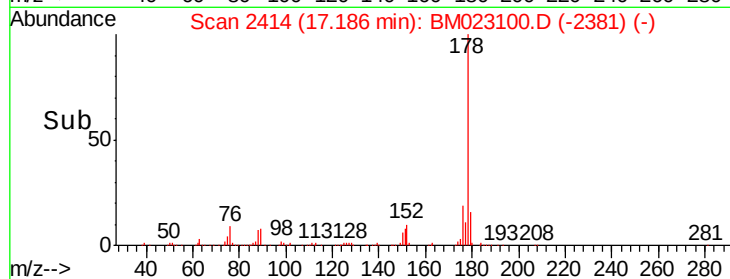
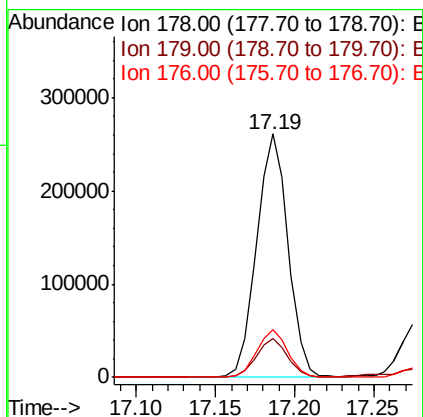
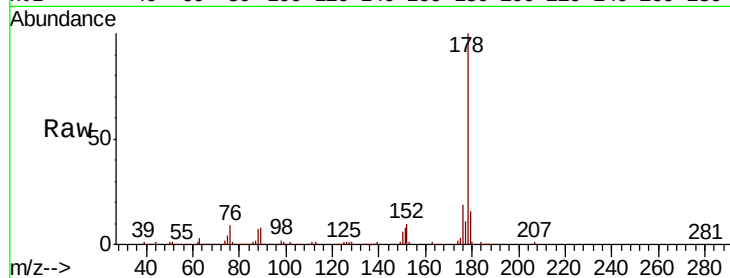
#70
Phenanthrene
Concen: 8.598 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampleId :
BEP94

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.5	15.3	22.9

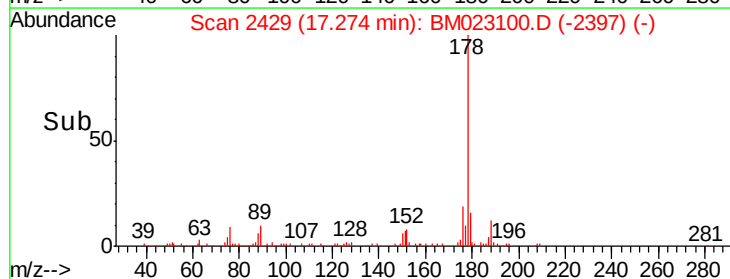
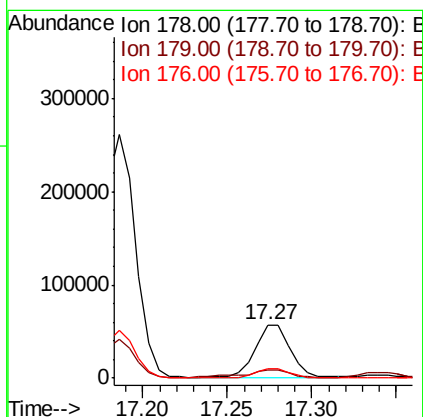
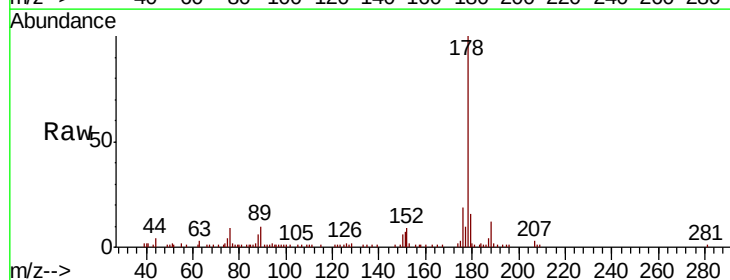
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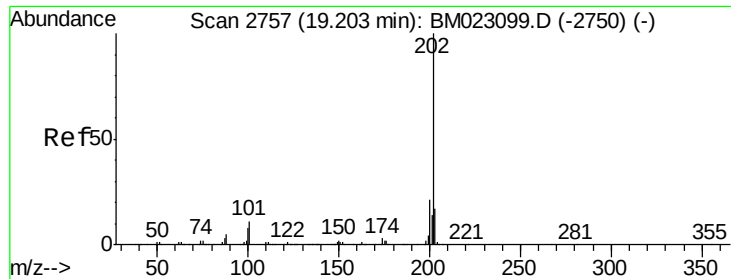
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#72
Anthracene
Concen: 1.973 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	18.6	15.0	22.6





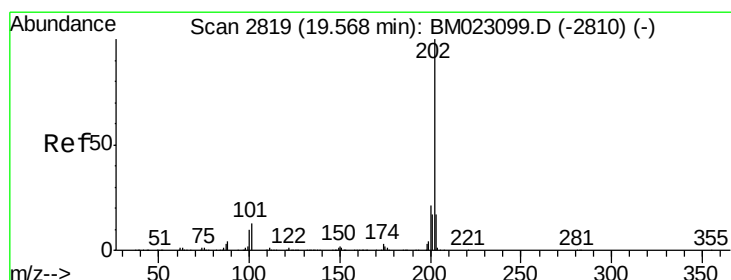
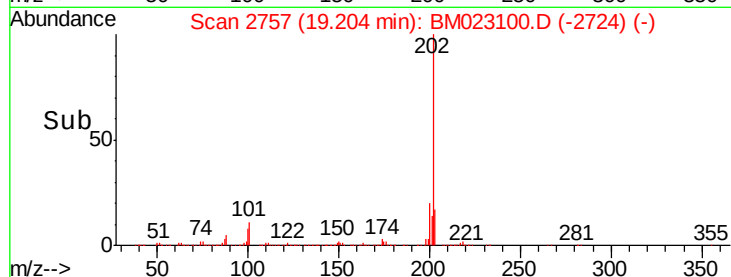
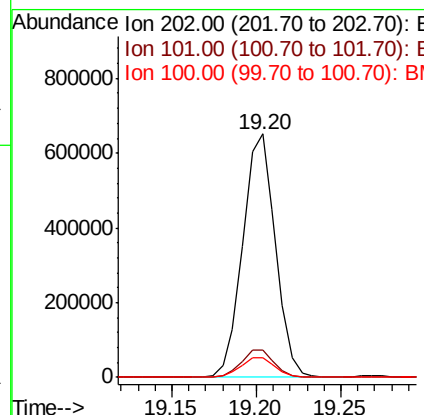
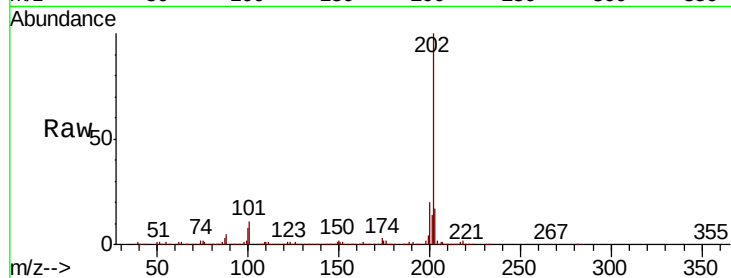
#77
Fluoranthene
Concen: 18.575 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampleId :
BEP94

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	8.6	12.8
100	8.0	6.4	9.6

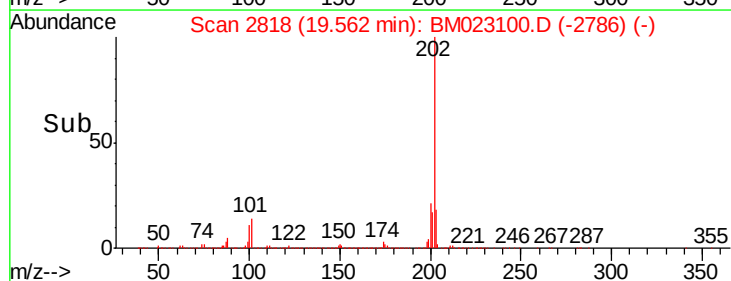
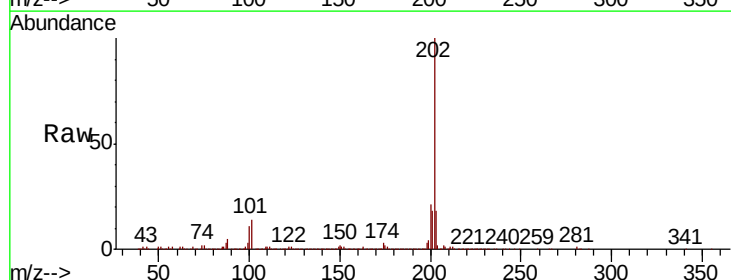
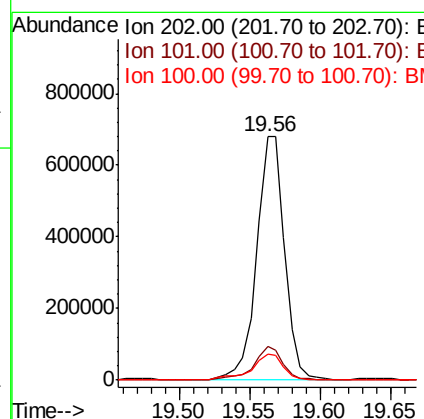
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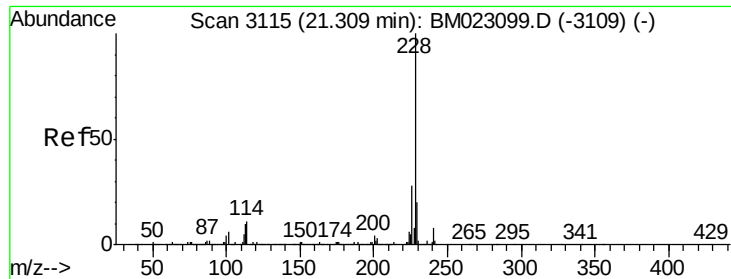
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#80
Pyrene
Concen: 19.236 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	9.7	14.5
100	10.9	7.8	11.8





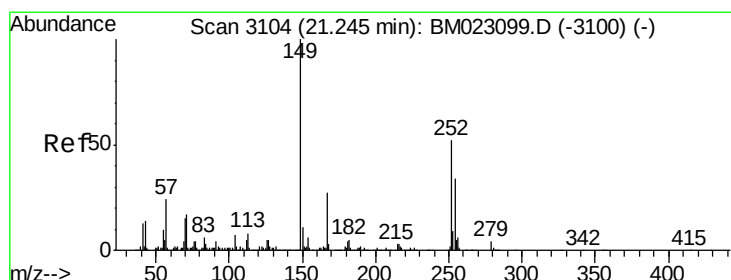
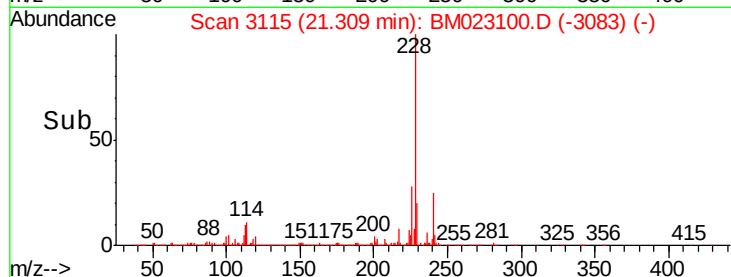
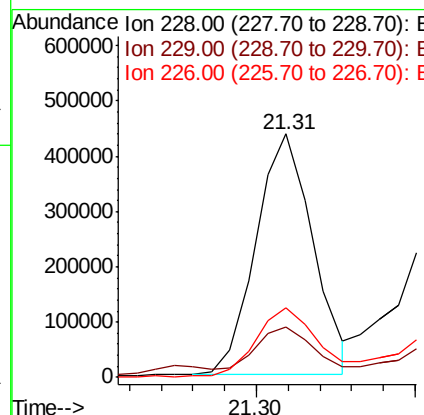
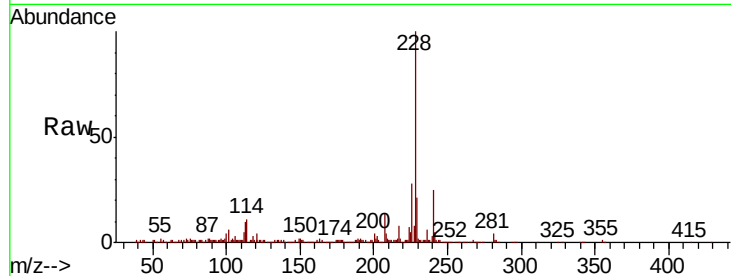
#83
Benzo(a)anthracene
Concen: 10.912 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampleId :
BEP94

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	28.3	22.4	33.6

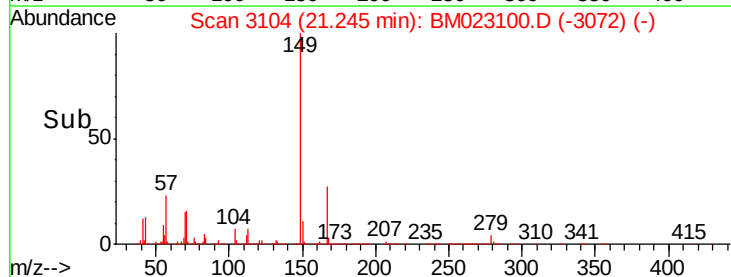
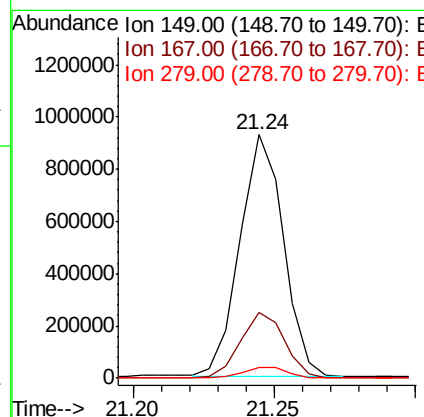
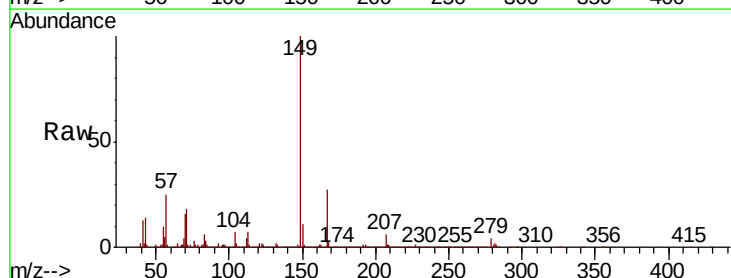
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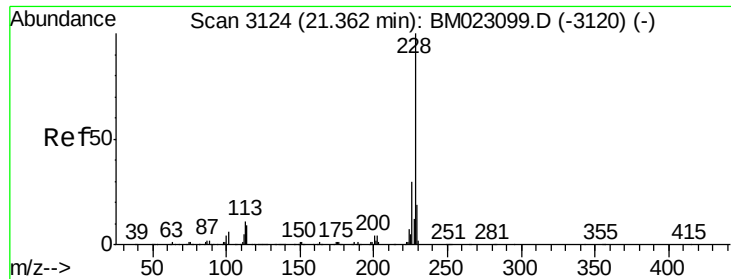
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#84
Bis(2-ethylhexyl)phthalate
Concen: 34.484 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.3	3.3	4.9





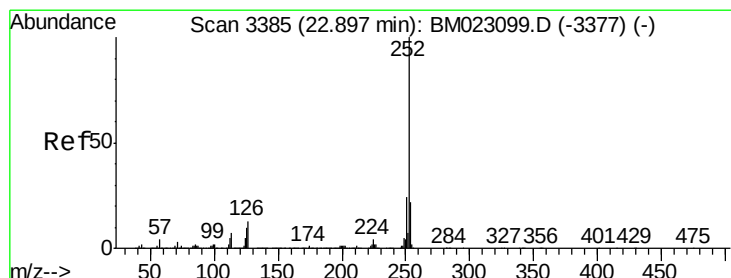
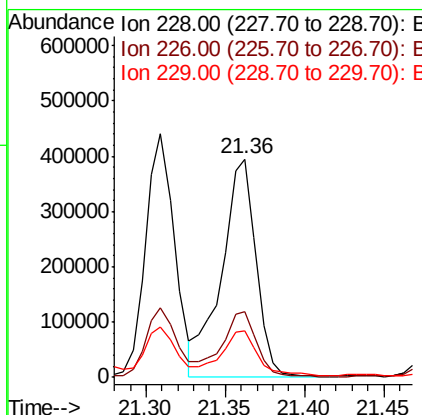
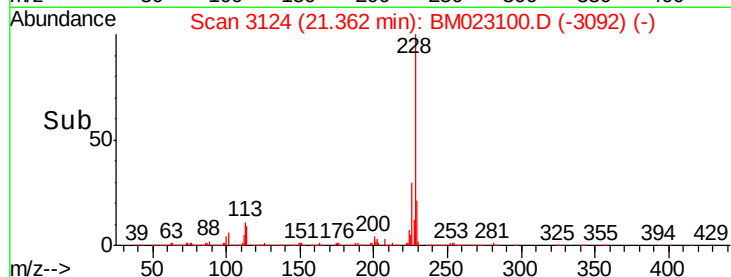
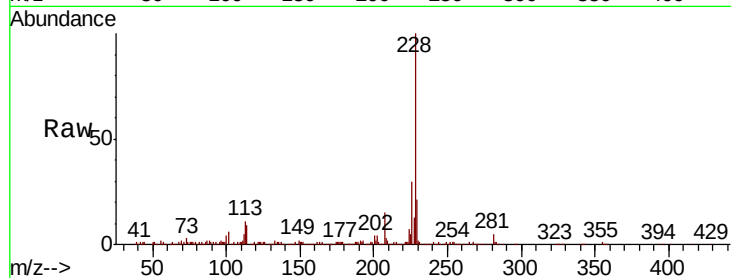
#85
Chrysene
Concen: 12.938 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampleId :
BEP94

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.2	15.9	23.9

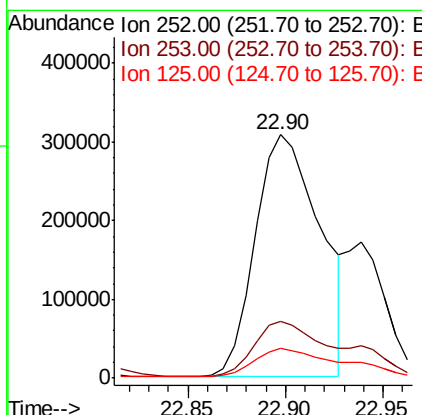
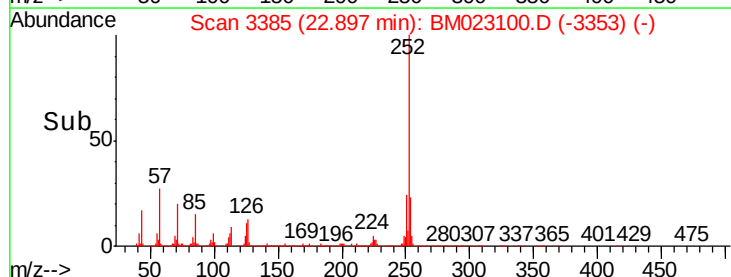
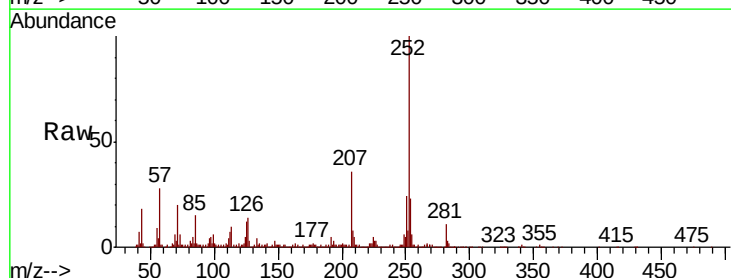
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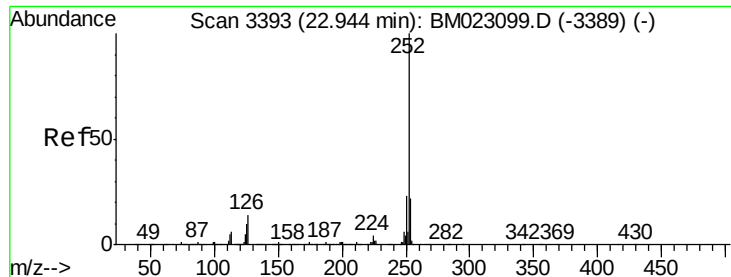
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#88
Benzo(b)fluoranthene
Concen: 12.986 ng/ul
RT: 22.90 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	12.1	8.2	12.2





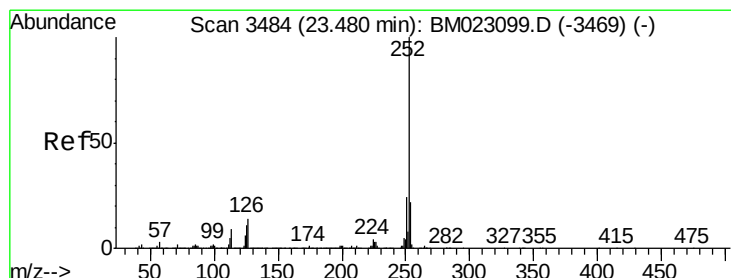
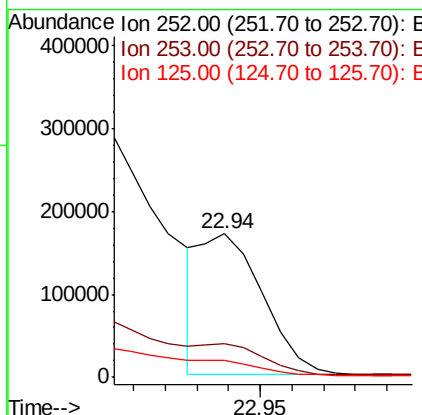
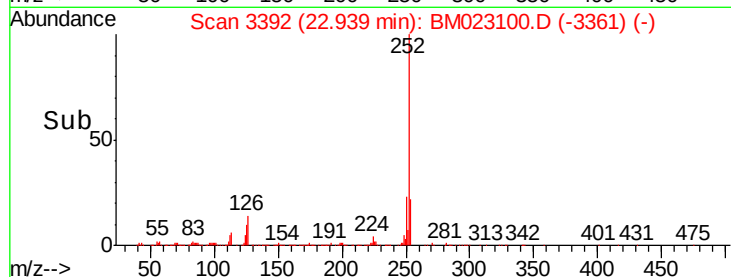
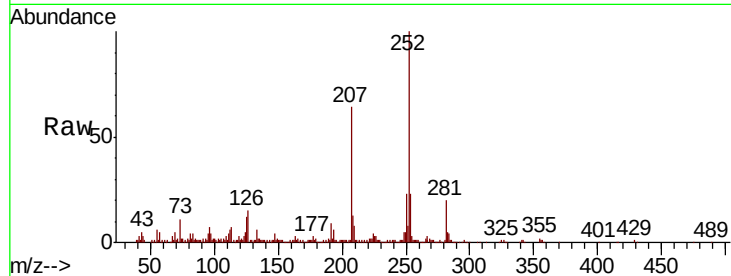
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Benzo(k)fluoranthene
Concen: 4.381 ng/ul m
RT: 22.94 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampled :
BEP94

Tot Ion:	252	Resp:	229422
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	11.5	7.9	11.9

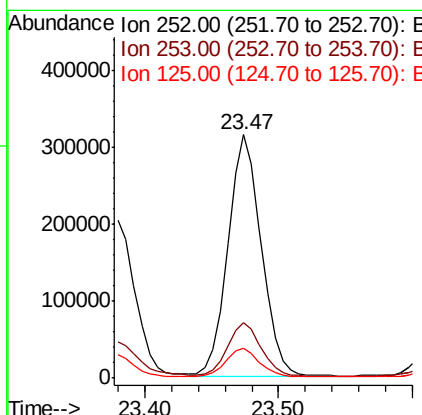
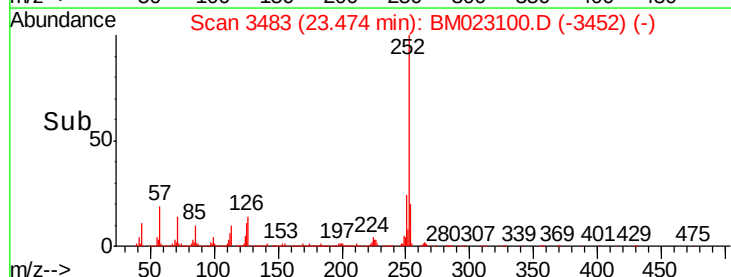
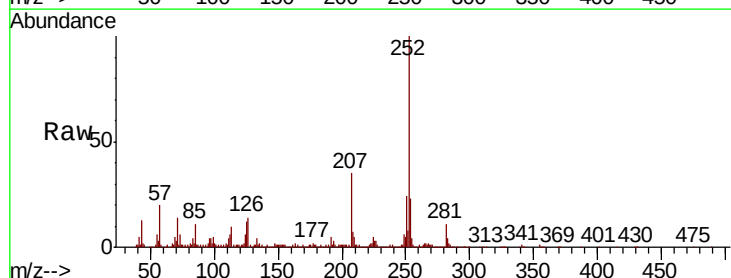
Manual Integrations
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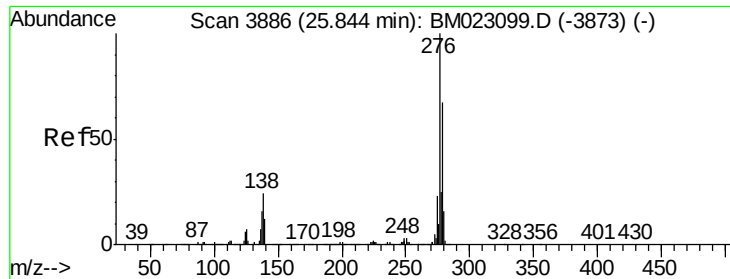
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#91
Benzo(a)pyrene
Concen: 10.607 ng/ul
RT: 23.47 min Scan# 3483
Delta R.T. -0.02 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion:	252	Resp:	544650
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	12.2	8.7	13.1





#92

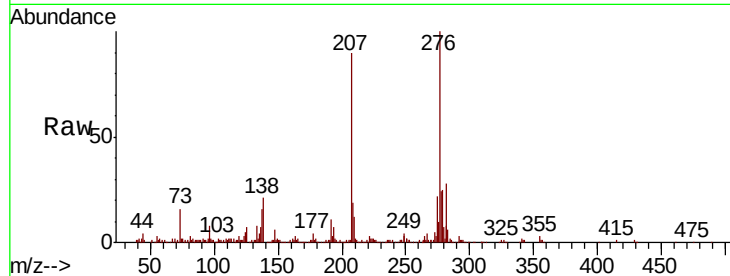
Indeno(1,2,3-cd)pyrene
Concen: 6.378 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampleId :
BEP94

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.8	29.8
277	24.3	20.3	30.5

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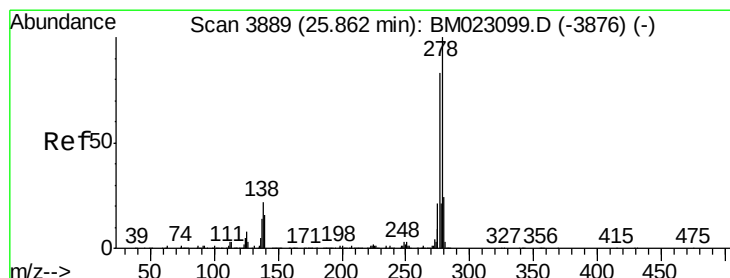
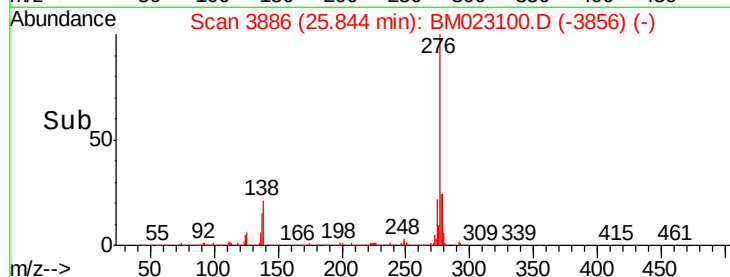
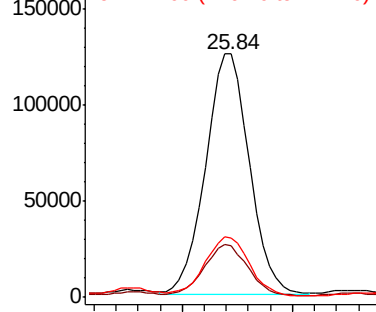


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

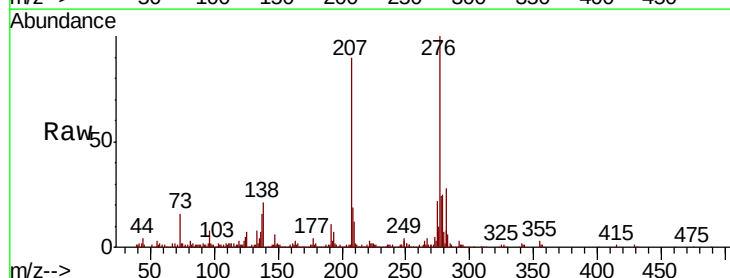
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 2.140 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.04 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.2	19.8#
279	26.7	19.0	28.6

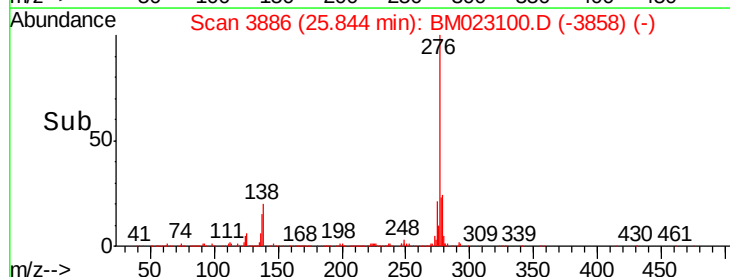
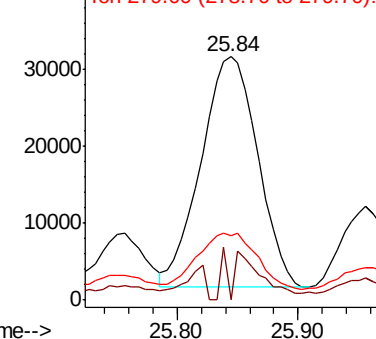


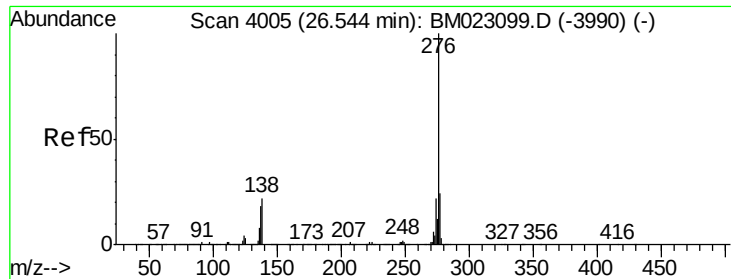
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 7.513 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.03 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Instrument :

BNA_M

ClientSampleId :

BEP94

Tot Ion:	276	Resp:	330589
Ion Ratio	Lower	Upper	
276	100		
138	22.0	17.6	26.4
277	24.2	19.1	28.7

Manual Integrations
APPROVED

mohammad
10/11/2019 8:28:38 AM

